

Undergraduate Research Opportunity Program (UROP)

2015-2016 Academic Year Scholarships

to promote undergraduate research

- ◆ **Who can apply:** Undergraduate students enrolled full time (12 credits) at any NSHE institution during the 2015-2016 Fall and Spring semesters. Scholar must have a NSHE faculty mentor to supervise their research project.
- ◆ **Research areas:** Students working in any area of science, technology, engineering or math (STEM) are encouraged to apply. Fields (STEM or otherwise) related to solar energy, water and/or environmental research are of special interest.
- ◆ **Scholarship amount:** \$4,000 for students
- ◆ **Application Deadline:** Friday, October 9, 2015
- ◆ **Research Period:** December 1, 2015 through May 31, 2016

To download the full application, visit <http://epscorspo.nevada.edu/urop-2015-2016-academic-year/>

APPLICATION WRITING WORKSHOPS AVAILABLE!

Students and faculty from NSHE institutions are encouraged to join each of the following sessions at one of the listed locations:

- ◆ **Session 1:** Learn more about the UROP application, eligibility, roles and responsibilities and connect with potential mentors/mentees.
- ◆ **Session 2:** Work with experienced writing center staff to draft and edit UROP applications, while learning proper writing techniques for future applications
- ◆ **Session 3:** Finalize UROP applications through a peer editing process led by experienced writing center staff.

TMCC

Thursday, 9/3/15	Session 1	4:00-5:15 PM
Friday, 9/4/15	Session 2	11-12:30 PM
Friday, 9/11/15	Session 3	11-1:00 PM

**TMCC Dandini Campus, Vista 204 (Session 1)
Tutoring & Learning Center (Sessions 2-3)**
<http://www.tmcc.edu/tutoring/>

UNLV

Thursday, 9/10/15	Session 1	11-12:00 PM
Wednesday, 9/16/15	Session 2	11-12:30 PM
Thursday, 10/1/15	Session 3	11-1:00 PM

UNLV Rogers Literature & Law Bld., Rm. 101
<http://writingcenter.unlv.edu/>

UNR

Thursday, 9/10/15	Session 1	4:00-5:00 PM
Thursday, 9/17/15	Session 2	4:00-5:30 PM
Friday, 10/2/15	Session 3	4:00-6:00 PM

UNR Knowledge Center, Rm 104
<http://www.unr.edu/writing-center/>

To attend the writing workshops, register at <https://www.research.net/r/urop2015writing>

QUESTIONS?

Administration

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Student Outreach

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Titles of Previously Funded NSF EPSCoR Scholarship Projects Undergraduate Research Opportunity Program (UROP)

- ◆ Evaluating the role of conductive carbon in solar assisted environmental remediation of formic acid from water using a simulated photo-fuel cell
- ◆ Identification of a germination receptor for *clostridium dithocite* through natural resistance
- ◆ Isolation and characterization of bacteriophage for treatment of American Foul Brood disease
- ◆ Design of superconducting magnetic shielding for an axion detector
- ◆ Electronic property tuning of organic solar cell materials for efficient light-harvesting
- ◆ Solving the puzzle to water-saving plants
- ◆ The effects of varying ratios of omega-3 to omega-6 polyunsaturated fatty acids on the colon and prostate cancer
- ◆ Chemical nature of organic carbon in biomass burning aerosol particles
- ◆ Cook Stove Pulmonary Health Study (CPHS)
- ◆ Oxygen increase associated with the early Mississippian carbon cycle
- ◆ Nanoporous two-dimensional polymers for molecular recognition
- ◆ Investigating the cause of abnormal neuronal distribution and density after ketamine administration in rodents
- ◆ Investigating the use of hybrid proteins to clear amyloid beta aggregates for the treatment of Alzheimer's disease
- ◆ Structural modulation of hierarchical TiO₂-based architecture for solar assisted water splitting
- ◆ The safety demand characteristic: How does it influence human-robot interaction?
- ◆ The impacts on solar cell performance due to particle deposition
- ◆ Testing gravity up close: A new method
- ◆ Identification of potential pathogens carried by the American Cockroach
- ◆ Optical purity of "over the counter" drugs